

Nelson C. Baker, Ph.D.

Vice Provost for Distance Learning & Professional Education and
Associate Professor, School of Civil and Environmental Engineering
Georgia Institute of Technology

Biography

Dr. Nelson Baker is the Vice Provost for Distance Learning & Professional Education and an Associate Professor in the School of Civil and Environmental Engineering at the Georgia Institute of Technology. He leads the university's distance learning, professional education, language institute, and conference center operations. He is a nationally recognized leader in educational technologies designed for and applied to engineering having won numerous awards in this area. Dr. Baker pursues the creation of and assessment of technology as it relates to engineering students learning. These activities have included multi-lingual web-based intelligent simulations for problem solving, intelligent tutors, student models, an online faculty assistant tool for creating course objectives, a variety of technology based assessments and virtual reality interfaces for education. Dr. Baker serves Georgia Tech, working with academic programs and the faculty to provide quality educational outreach programs, delivered either locally, at remote locations, or via technology. He provides the interface between corporations, government agencies, and professional societies with Georgia Tech's educational activities.

Dr. Baker's honors include the W.M. Keck Foundation Award for Engineering Teaching Excellence, Recipient of ENR Educator for Construction's Next Generation, a NSF National Young Investigator recipient, ASCE Journal of Computing Best Paper and two Georgia Tech Institute awards, Outstanding Innovative Use of Education Technology Award, as well as the W. Roane Beard Georgia Institute of Technology Outstanding Teacher Award.

Currently, Nelson serves as the President of the International Association of Continuing Engineering Education, the Chair of the Georgia Board of Regents Administrative Committee on Public Service and Continuing Education, a member of the University Continuing Education Association Learning, Instruction and Technology Commission, and is a member of ASEE and ASCE. He is also the US principal investigator for a FIPSE Atlantis programme grant P116J090074 exploring quality management and benchmarking of continuing engineering education programs, an international activity.